

# Safety Data Sheet

Product: On Guard

SDS Date of Preparation/Update: 3/14/2019

## SECTION 1: GENERAL INFORMATION



SD Labs  
22 Westview Lane  
Brookfield, CT 06804

Telephone: 1-844-MICROBE  
Emergency Contact: (203) 974-2099  
Recommended Use: Surface Coating Spray  
Use Restrictions: No Data Available

## SECTION 2: HAZARD(S) IDENTIFICATION

### GHS Classification

Skin Irritation: Category 2  
Eye Irritation: Category 2  
Respiratory/Skin Sensitization: Category 1

### Hazard Statements

H316: Causes mild skin irritation  
H317: May cause an allergic skin reaction  
H320: Causes eye irritation  
H335: May cause respiratory irritation

### Precautionary Statements

#### Prevention

P264: Wash skin thoroughly after handling

#### Response

P304+P341: If inhaled and breathing is difficult, remove individual to fresh air and keep at rest in a position comfortable for breathing.  
P305+P351+P338: If in eyes: rinse cautiously with water for several minutes. Remove contact lenses.  
P332+P313: If skin irritation occurs, seek medical advice/attention  
P337+P313: If eye irritation persists, seek medical advice/attention

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical	Concentration (%w/w)	Trade Secret
Proprietary organofunctional silane	≤ 2*	Yes
Inert ingredients (as determined by US EPA)	≥ 98*	Yes

\*the exact concentration of composition has been withheld as a trade secret according to 29 CFR 1910.1200(i)

## SECTION 4: FIRST AID MEASURES

**General Advice:** In the case of accident or if feeling unwell, seek medical attention. When symptoms persist or in cases of doubt, seek medical advice. Present medical professionals with this safety data sheet.

**Inhalation:** If breathing is difficult, move to fresh air environment and keep at rest in a position comfortable for breathing. If breathing remains affected, seek medical attention.

**Skin Contact:** Wash thoroughly with water. If necessary, remove contaminated clothing. If skin irritation occurs, seek medical advice.

**Ingestion:** Rinse mouth thoroughly with water. Sip a glassful of water. Seek medical attention. Do not induce vomiting unless directed by a Poison Control Center or physician.

**Symptoms and Effects:** May cause skin, eye and respiratory irritation.

**First Aid Providers:** First Aid responders should pay attention to self-protection and use the recommended personal protective equipment when the potential for exposure exists.

**Notes to Physician:** Treat symptomatically and supportively.

## SECTION 5: FIRE FIGHTING MEASURES

**Suitable Extinguishing Media:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media:** CAUTION: Use of water spray when fighting fire may be inefficient.

**Specific Hazards from the Chemical:** No Data Available

**Explosion Data:** No Data Available

**Sensitivity of Mechanical Impact:** None

**Sensitivity to Static Discharge:** None

**Protective equipment and precautions for firefighters:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH approved (or equivalent) and full protective gear.

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions: Avoid contact with eyes, skin and clothing. Use personal protective equipment as required.

**Environmental Precautions:** No Data Available

### Methods and Material for Containment and Clean Up

Absorb and containerize. Wash residual down to sanitary sewer. For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent. Contact the sanitary treatment facility in advance to assure ability to process washed-down material.

## SECTION 7: HANDLING AND STORAGE

### Precautions for Safe Handling

**Handling:** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product.

### Conditions for Safe Storage, including any incompatibilities

**Storage:** Keep properly labeled containers tightly closed and in a dry environment with general room ventilation. To ensure optimal product performance, store at room temperature (> 60° F). Avoid freezing.

**Incompatible Products:** No data available.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

**Exposure Guidelines:** OSHA PELs, NOISH RELs and ACIH TLVs have not been established for this product.

### Individual Protection Measures

**Eye/Face Protection:** If splashes are likely to occur: Wear safety glasses (with side shields) or goggles. None required for consumer use.

**Skin and Body Protection:** Wear protective gloves and protective clothing.

**Respiratory Protection:** If irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Respiratory protection must be provided in accordance with current local regulations.

**Hygiene Measures:** Remove and wash contaminated clothing before reuse. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Liquid

**Appearance:** Colorless, Clear to very slightly hazy at room temperature

**Odor:** Alcohol-like

**Odor Threshold:** No Data Available

Property	Values	Remarks/Method
pH	5	Strip Test
Water Solubility	Soluble in Water	None Known
Explosive Properties	Non-Explosive	None Known

### Other Information

Softening Point: No Data Available

VOC Content (%): No Data Available

Particle Size: No Data Available

Particle Size Distribution: No Data Available

## SECTION 10: STABILITY AND REACTIVITY

**Reactivity:** Not classified as a reactivity hazard

**Chemical Stability:** Stable under recommended storage conditions

**Possibility of Hazardous Reactions:** None under normal use and processing

**Conditions to Avoid:** None known

**Incompatible Materials:** Soaps, anionic surfactants

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**Hazardous Decomposition Products:** None known  
**Polymerization:** Hazardous polymerization does not occur

## SECTION 11: TOXICOLOGICAL INFORMATION

### Likely Routes of Exposure

**Inhalation:** Exposure to vapor or mist may irritate respiratory tract.  
**Eye Contact:** May cause eye irritation.  
**Skin Contact:** Prolonged contact may cause irritation.  
**Ingestion:** Ingestion may cause irritation to mucous membranes and gastrointestinal tract.

### Information on Toxicological Effects

Oral LD50: > 5000 mg/kg      Dermal LD50: > 5000 mg/kg

### Delayed and Immediate Effects, as well as chronic effects from short and long-term exposure

**Sensitization:** No Data Available  
**Mutagenic Effects:** No Data Available  
**Carcinogenicity:** Not Known  
**Reproductive**  
**Toxicity:** Not Known  
**Target Organ Effects:** Not Known

## SECTION 12: ECOLOGICAL INFORMATION

**Environmental Effects:** No known significant effects or critical hazards.

## SECTION 13: DISPOSAL CONSIDERATIONS

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal should be in accordance with applicable regional, national and local laws and regulations. Refer to: Sections 6, 7 and 8 for additional handling information and protection of employees.

## SECTION 14: TRANSPORT INFORMATION

**Non-Hazardous Material:** Not applicable to products supplied.  
**IATA-DGR:** Non-Hazardous goods – no ID number, class or packing group assigned.  
**IMDG:** Non-Hazardous goods – no ID number, class or packing group assigned.

## SECTION 15: REGULATORY INFORMATION

**ANVISA Registration Number(s):** 3.5048.0001.001-1; 3.5048.0001.002-8; 3.5048.0001.003-6  
**US EPA:** Classified as Treated Article under FIFRA Requirements

## SECTION 16: OTHER INFORMATION

### Disclaimer

The information contained herein is, to the best of our knowledge and belief, accurate and current as of the date of this SDS. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. All chemicals may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist. Final determination of suitability of the chemical is the sole responsibility of the user. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or any other nature are made hereunder with respect to the information contained herein or the chemical to which the information refers. It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations.